

December 21, 2022

Minister Timothy Halman
Department of Environment and Climate Change
1894 Barrington Street, Suite 1800
Halifax, NS B3J 2P8

Dear Minister Halman,

Atlantic Mining NS Inc. (AMNS) is pleased to submit the attached Addendum to the Touquoy Gold Project Site Modifications Environmental Assessment Report (EARD), which is submitted in accordance with Part IV of the Environment Act, and in response to a request for additional information from the Minister, dated May 12, 2022.

The Project is located at:

- NAD83(CSRS) UTM Zone 20: Easting: 505400 m; Northing: 4981340 m
- Lat/Long: Latitude: 44d59m7.74sec / -62d55m53.41sec

Since 2017, we have been proud to operate the Touquoy Gold Mine in a safe, responsible, and sustainable way. The Touquoy Operation is seen as an example of a successful mineral development in Nova Scotia by the global resource development community. We look forward to building on this success, and growing additional opportunities for Nova Scotians.

The recent December 12 announcements relating to the Company have no effect on the business entity of Atlantic Mining Nova Scotia Inc.. These announcements included confirmation that the Beaver Dam Project will be paused and it is likely that there will not be continuity at the Touquoy Mine beyond approximately December 2024. If this occurs, the site will enter a Care and Maintenance phase. Care and Maintenance of the Touquoy site would focus on maintaining the safety and operability of site infrastructure while no ore is available to be processed. All environmental compliance requirements per the Industrial Approval will be maintained as well as any requirements pursuant to the Metal and Diamond Mining Effluent Regulations. When in Care and Maintenance, the facility would be idled and all preventative maintenance required to restart the facility in a timely manner would be performed. A small number of personnel would be retained to ensure that all of these works are completed in full and the site remains safe. As the EARD focussed solely on planned components and activities at the Touquoy site, and did not presume approval of other Projects currently under assessment subject to the Canadian Environmental Assessment Act 2012 (i.e., Beaver Dam and Fifteen Mile Stream), this information has no bearing on the assessment of potential environmental effects undertaken in support of the Touquoy Gold Project Site Modifications EARD.

This submission provides responses to the additional information request, notably including a full disposition of the Minister's questions, and additional analysis related to mitigation; project design; water quality and quantity; fish and fish habitat; and wetlands, including the following documents:

- Disposition of Questions from May 12, 2022 Letter
- Attachment 1 - Disposition of Third Party Review Comments, Table 1 Detailed Review Comments and Recommendations Regarding Appendix D.1 and D.2
- Attachment 2 - Hydraulic Connectivity Testing Additional Interpretation
- Attachment 3 - Groundwater Modelling Information
- Attachment 4 - Pore Water Quality, Open Pit Discharge Water Quality
- Attachment 5 - Stratigraphic Sections
- Attachment 6 - Groundwater Predictions Compared to Industrial Approval Requirements
- Attachment 7 - Assimilative Capacity Study of Watercourse No. 4, and addendum
- Attachment 8 - Assimilative Capacity Study of Moose River, and addendum
- Attachment 9 - Touquoy Open Pit Water Treatment - Conceptual Approach

- Attachment 10 - Pit Slope Seepage Mitigation Technical Specifications and Drawings
- Attachment 11 - Underground Workings and Fault Grouting
- Attachment 12 - Alternative Waste Rock Storage Area Design
- Attachment 13 - Historic Tailings
- Attachment 14 - Moose River Fish Surveys

Our team, including third-party technical specialists, have completed thorough investigations, analysis, and design to provide fulsome responses to the information requests, and we have confidence in the conclusions presented. The work carried out and presented in this submission confirms the conclusions presented in the EARD and the March Addendum Report: in consideration of the assessment, mitigation, and planned follow up and monitoring, the planned modifications to the Touquoy site are not likely to result in significant environmental effects.

AMNS believes we have satisfied all the requirements to progress this Environmental Assessment to an approval decision.

Sincerely,



Sincerely,

Sara Wallace
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Atlantic Operations

